

FIG. 1A
PRIOR ART

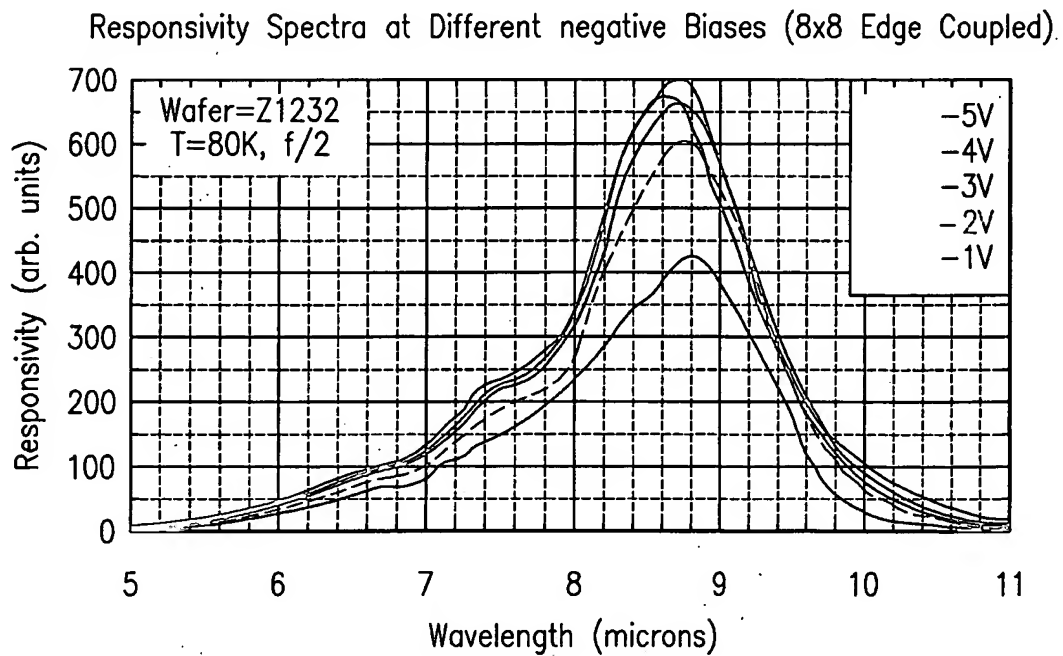
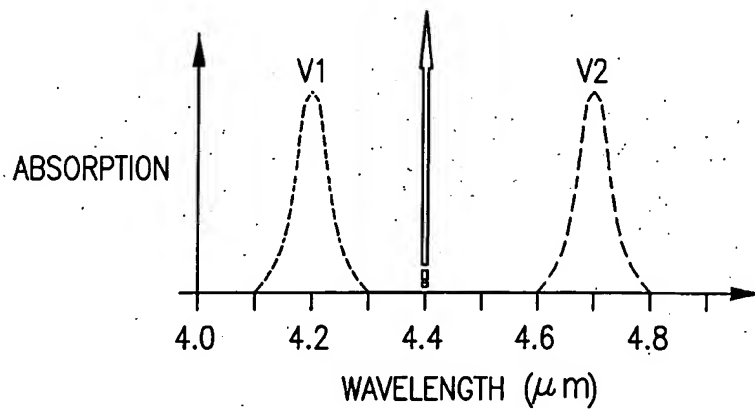
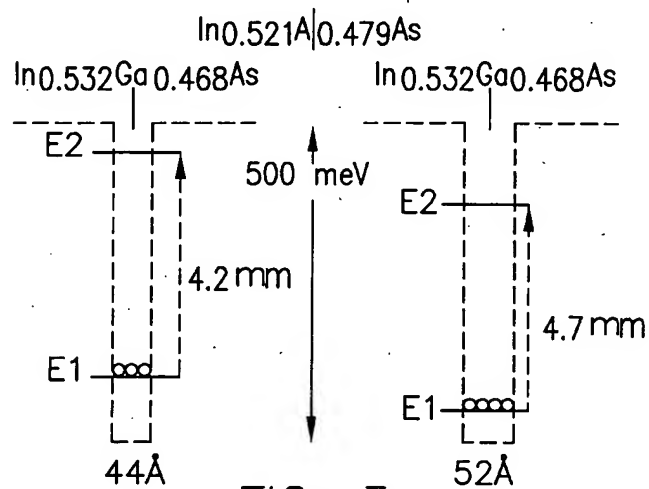
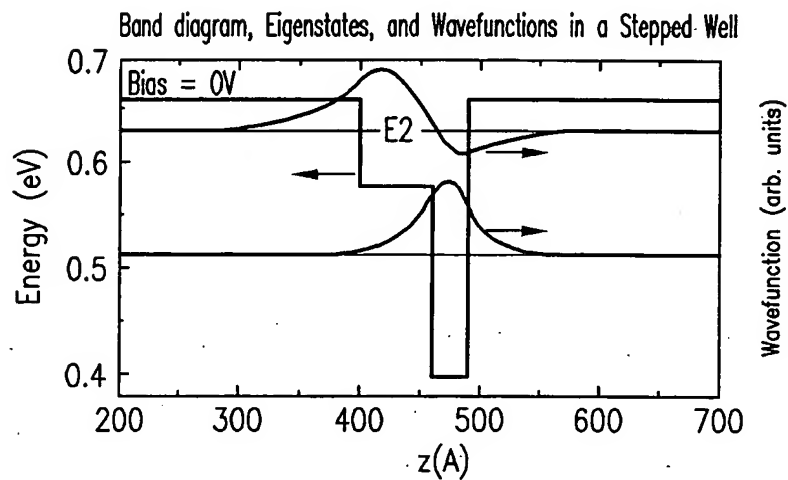
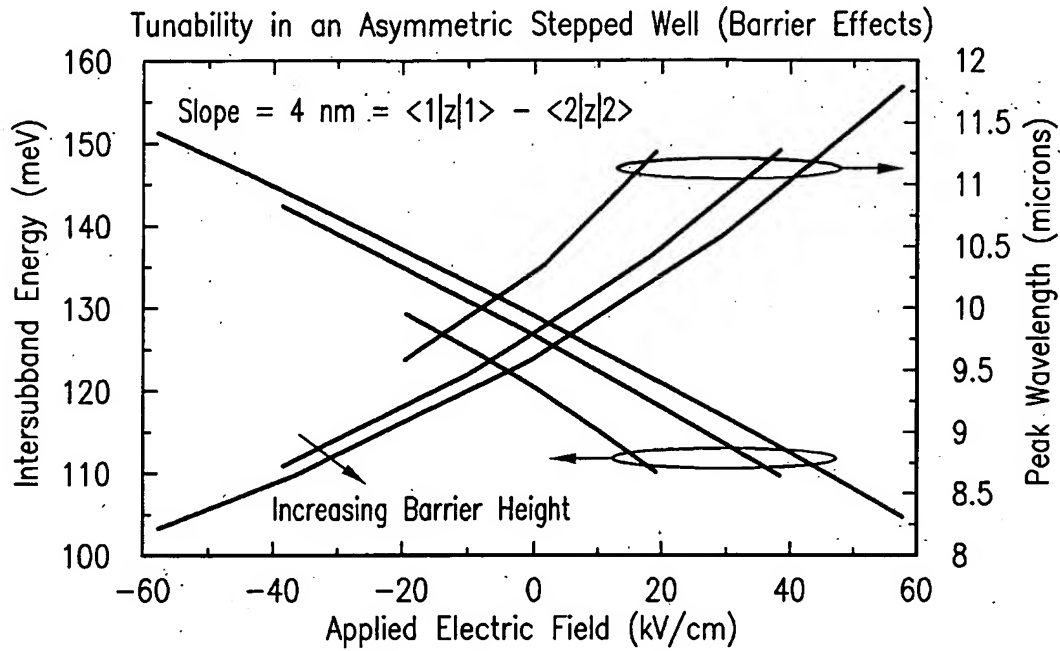
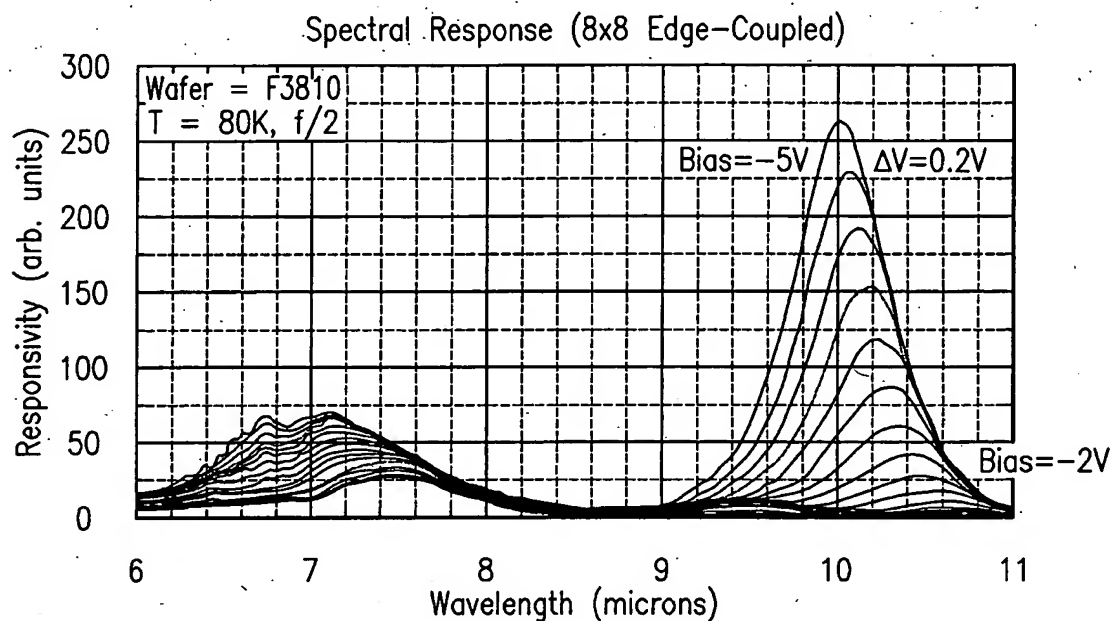
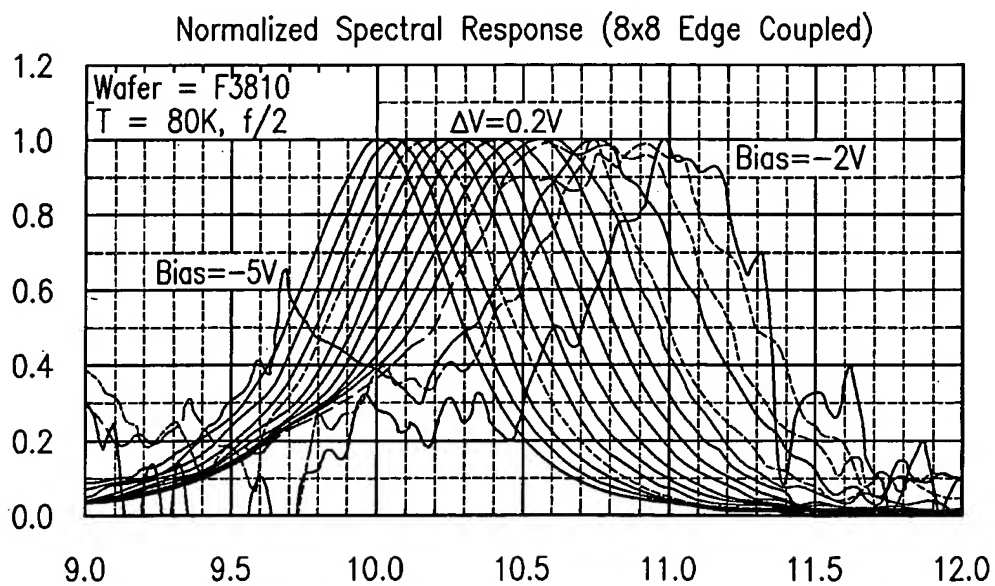


FIG. 1B
PRIOR ART

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FIG. 2FIG. 3FIG. 4A

FIG. 4B

FIG. 5AFIG. 5B

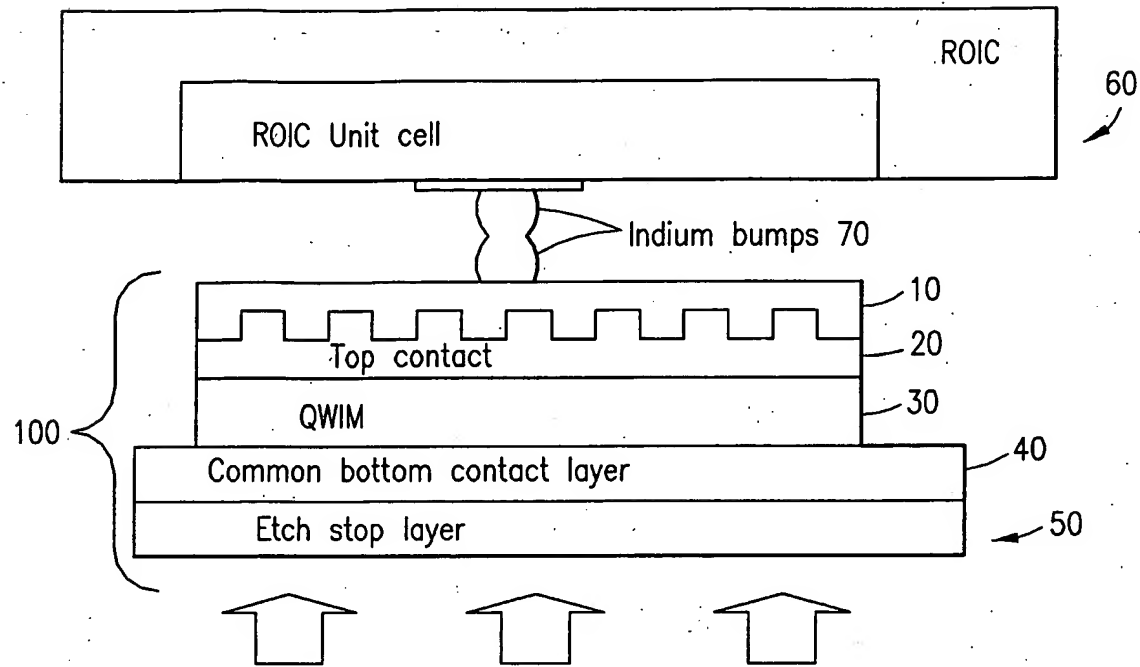
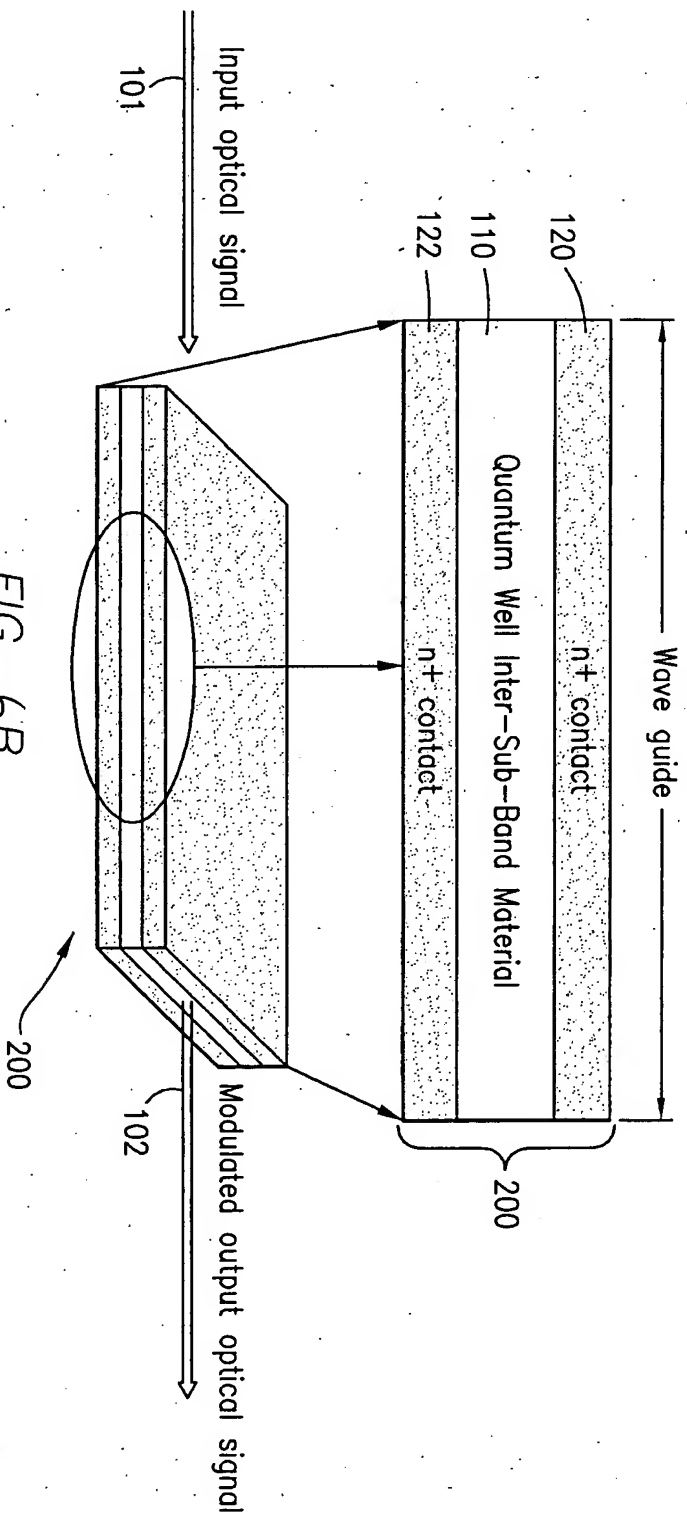


FIG. 6A

Wave Guide Configuration for Modulator

FIG. 6B

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Linear Array of N QW Infrared Modulators

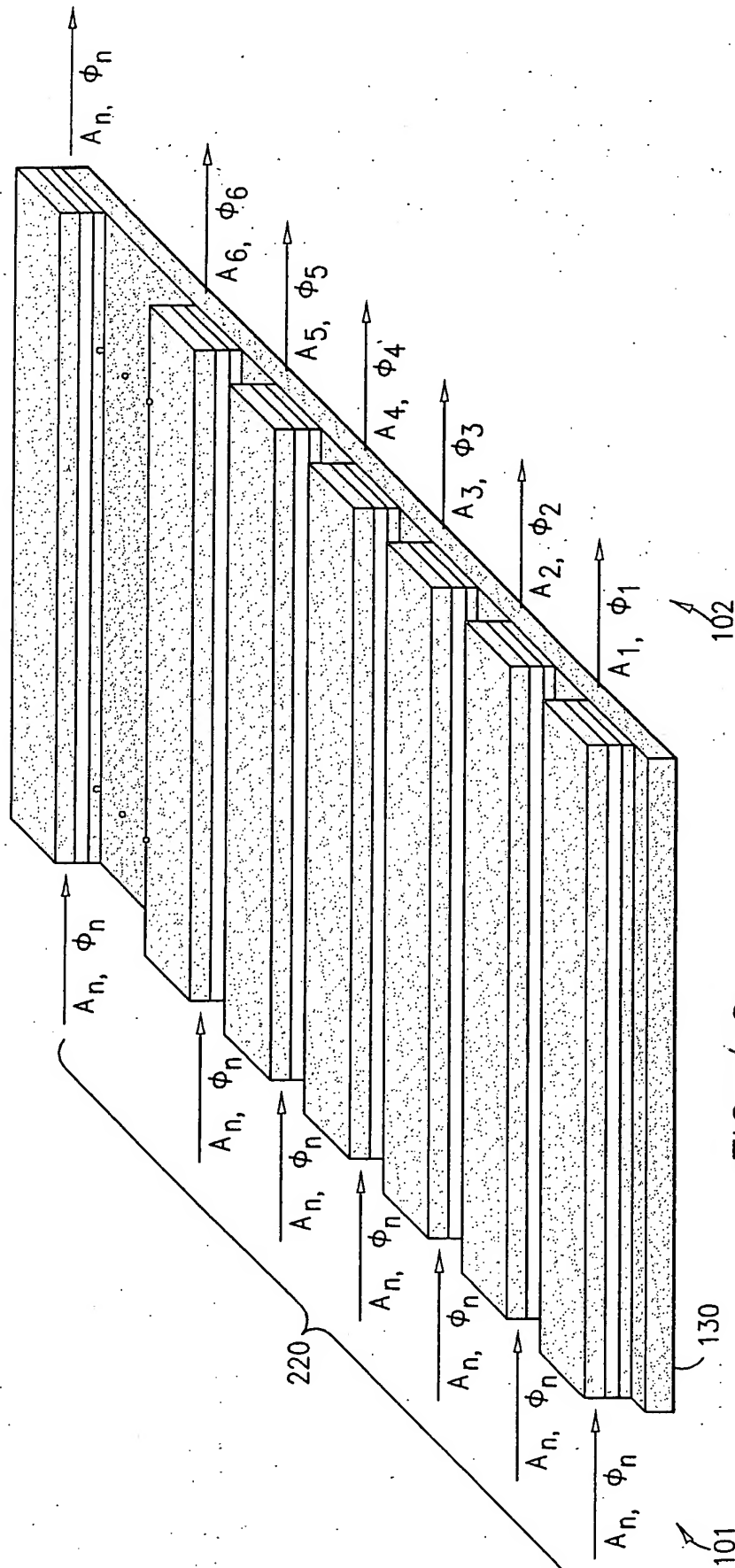
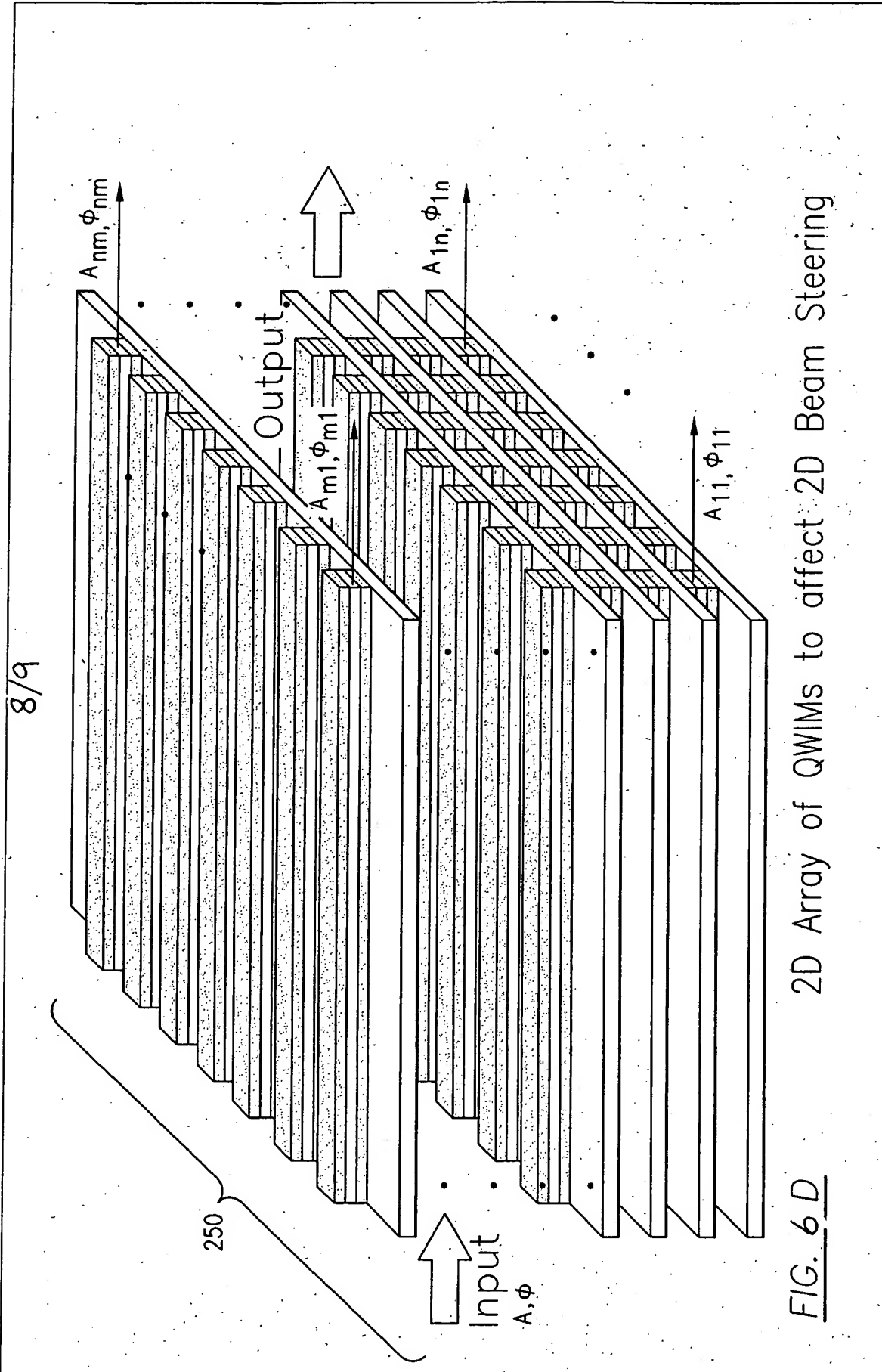


FIG. 6C



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